

## Preface

This volume contains the revised version of a selection of the papers presented at the XI Spanish Conference on Programming and Languages, PROLE 2011, held in A Coruña, Spain, on September 5-7. This edition of PROLE 2011 was co-located in parallel with the XVI Conference on Software Engineering and Database (JISBD 2011) and the VII Conference on Science and Engineering of Services (JCIS 2011). These events were supported by SISTEDES (Sociedad de Ingeniería del Software y Tecnologías de Desarrollo de Software, Spanish Society for Software Engineering and Development Technologies).

PROLE aims to serve as a meeting point for Spanish research groups developing their work in the area of programming languages (PROLE stems from the Spanish PROgramación y Lenguajes). Previous conferences were held at Almagro (2001), El Escorial (2002), Alicante (2003), Málaga (2004), Granada (2005), Sitges (2006), Zaragoza (2007), Gijón (2008) and San Sebastián (2009) and Valencia (2010). This years edition of PROLE was preceded on September 6th by the third Workshop on Functional Programming (TPF 2011), where interesting works focusing on languages, experiences and tools with a strong functional taste were presented.

The technical program and the proceedings of PROLE 2011 included 24 submissions (plus 2 works associated to TPF 2011) and one invited talk by Professor Michael Codish (Department of Computer Science, Ben-Gurion University of the Negev) on "Programming with Boolean Satisfaction". Each submission was reviewed by at least 3 programme committee members. After a thorough reviewing process, the program committee selected the six papers which conform this issue of Electronic Notes in Theoretical Computer Science.

As the workshop chair, I would like to thank the program committee, whose invaluable help and enthusiasm ensured the success of the event. We would also like to thank all anonymous referees for their hard work, to the organizing committee for the technical support and to the Steering Committee

for all its confidence. Finally, we are sincerely grateful to our invited speaker and the authors for their contributions.

### **Programme Committee**

Puri Arenas	Paqui Lucio
Jesús Almendros	Ginés Moreno
María Alpuente	Albert Oliveras
Rafa Caballero	Fernando Orejas
Manuel Carro	Miguel Palomino
Fernando Cuartero	Ricardo Peña
Francisco Durán	César Sánchez
María del Mar Gallardo	Josep Silva
Víctor M. Gulías	Alicia Villanueva
Montserrat Hermo	Damiano Zanardini

### **Steering Committee**

Jesús Almendros	Juan José Moreno-Navarro
María Alpuente	Fernando Orejas
Puri Arenas	Ricardo Peña
Víctor M. Gulías	Ernesto Pimentel
Manuel Hermenegildo	

### **Organizing Committee**

Víctor M. Gulías	David Castro
Laura M. Castro	Henrique Ferreiro
David Cabrero	Javier Taibo

### **External Reviewers**

Javier Álvez	Fernando López Pelayo
David Cabrero	Alejandro Luna
Marisa Navarro	Juan José Pardo Mateo
Marco A. Feliú	Fernando Tarín
Francisco Frechina	Carlos Vazquez

*Puri Arenas*  
*Víctor M. Gulías*